

«Chimney» version



«Frame» version



MULTIFAN

Fans / Ventilators



A complete range for all your ventilation needs

French distributor of MULTIFAN ventilators, SODALEC DISTRIBUTION - SODIS offers you a complete range of fans.

From 30 to 92 cm diameter, from 2000 to 30000 m³/h air flow, single or three-phased ones, the MULTIFAN range of fans meets all your ventilation needs.

☑ Reliable and Efficient

Cast aluminium motor casing, stainless steel screws, polyester frames, MULTIFAN ventilators are designed and built to fulfil the toughest of requirements.

IP55 protection and high-temperature working bearings ensure long operating life.

☑ «Frame» or «chimney» version ?

To meet the needs of all installations, SODALEC DISTRIBUTION - SODIS offers MULTIFAN fans in two versions:

- “frame” version with a polyester frame.
- “chimney” version with fixation brackets.



- Cast aluminium motor casing,
- Cast aluminium mounting brackets designed to reduce noise and vibrations,
- Optional : «motor» and «propellers» protection grids,
- Impact-resistant, non-combustible plastic motor (engine) cover,
- Balanced plastic propellers to reduce energy consumption and extend the motor functioning life lasting,
- Vertical or Horizontal mounting possibilities.

Single-phased Fans

Designation	Diameter (Ø in cm)	Speed (rpm)	Watts	Noise (dB)	Nom.I (A) / Ma.I*	Regulable**	Condenser µF/400	Weight (Kg / packed)	Version	
									Framed	Chimney
4E30	30	1400	100	54	0,5 / 0,6	T/E	3	9,4	Oui	Oui
4E35	35	1400	150	53	0,8 / 1,1	T/E	4	10,4	Oui	Oui
4E40	40	1400	220	55	1,2 / 1,5	T/E	6	11,3	Oui	Oui
4E45	45	1400	320	57	1,4 / 1,8	T/E	8	13,1	Oui	Oui
4E50	50	1400	400	59	1,8 / 2,1	T/E	12	15,5	Oui	Oui
6E56	56	950	280	50	1,3 / 2,1	T/E	16	22	Oui	Oui
6E63	63	910	500	58	2,2 / 2,7	T/E	16	23	Oui	Oui
6E71	71	910	520	56	2,3 / 3,9	T/E	16	25	Oui	Oui
6E92	92	920	590	66	2,7 / 3,8	T/E	16	29	Oui	Non

* This maximum current must be taken into account when selecting surge protection devices and regulators.

** Regulated by Transformer (T) or Electronically (E).

Designation	Air flow rates (m3/h)				
	0 Pa	30 Pa	50 Pa	80 Pa	100 Pa
4E30	2300	2100	1800		
4E35	3600	3300	3050		
4E40	5050	4600	4300	3550	
4E45	6750	6200	5850	5200	
4E50	8350	7700	7200	6400	5600
6E56	8350	7250	6350		
6E63	11500	10600	9850	8500	
6E71	13500	12300	11200	9350	
6E92	17300	15300	14200	11400	

Air Flow rates are given without protection grids installed. With protection grids, the air flow rate is reduced by approximately 3% per grid. These data applies to «frame» version fans. «Chimney» version fans have identical characteristics, provided they are installed under the same conditions.



- Speed-adjustable single-phased (50 Hz) electric motor, specially designed in combination with the propellers to achieve optimal efficiency,

- Fibreglass-reinforced polyester frame: with superior quality and high corrosion resistance,

- Single-phase fans of the «chimney» type can be supplied pre-mounted in the ventilation tubes.

See « Mx Module » documentation.

Three-phased fans

Designation	Diameter (Ø in cm)	Speed (rpm)	Watts	Noise (dB)	Nom.I (A) / Ma.I*	Regulable**	Weight (Kg)	Version	
								Frame	Chimney
4D35	35	1400	140	53	0,9/0,5 - 0,9/0,5	T/F	9,6	Oui	Oui
4D40	40	1350	210	56	1,0/0,6 - 1,0/0,6	T/F	11,3	Oui	Oui
4D45	45	1350	280	56	1,2/0,7 - 1,2/0,7	T/F	13,1	Oui	Oui
4D50	50	1400	410	60	1,8/1,1 - 1,9/1,1	T/F	15,5	Oui	Oui
4D56	56	1400	950	65	3,6/2,1 - 3,8/2,2	T/F	22	Oui	Oui
4D63	63	1400	1100	69	3,9/2,3 - 4,2/2,4	T/F	27	Oui	Oui
4D71	71	1400	1650	69	5,6/3,3 - 6,0/3,5	T/F	29	Oui	Oui
V4D82 HP	82	1400	2450	83	7,7/4,5 - 8,5/4,9	F		Non	Oui ***
6D63	63	910	520	59	2,1/1,2 - 2,5/1,5	T/F	23	Oui	Oui
6D71	71	900	690	59	2,6/1,5 - 2,7/1,6	T/F	25	Oui	Oui
6D92	92	900	760	66	2,4/1,4 - 2,7/1,5	T/F	29	Oui	Non
V6D92 HP	92	900	2100	70	7,8/4,5 - 8,9/5,1	F		Non	Oui ***

* This maximum current must be taken into account when selecting surge protection devices and regulators.

** Regulated by Transformer (T) or Frequency Converter (E).

*** Special tube provided (see, Picture next page).

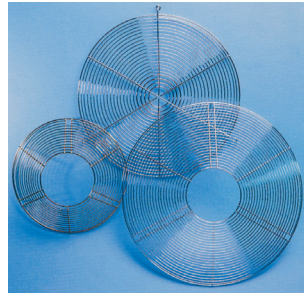
Designation	Air flow rate (m3/h)					
	0 Pa	30 Pa	50 Pa	80 Pa	100 Pa	150 Pa
4D35	3550	3200	2950			
4D40	4950	4500	4200	3450		
4D45	6450	5900	5450	4750		
4D50	8600	8000	7550	6750	6100	
4D56	13100	12500	12000	11300	10900	9400
4D63	15900	15200	14700	14000	13400	11700
4D71	21400	20600	20000	18900	18200	16500
V4D82 HP	29200	28200	27500	26400	25700	23700
6D63	11900	11000	10400	9150	8100	
6D71	15300	14200	13300	11800	10500	
6D92	21100	19400	17900	15200	12900	
V6D92 HP	31300	30100	29300	28100	27300	24700

Air Flow rates are given without protection grids installed. With protection grids, the air flow rate is reduced by approximately 3% per grille. These data applies to «frame» version fans. «Chimney» version fans have identical characteristics, provided they are installed under the same conditions.

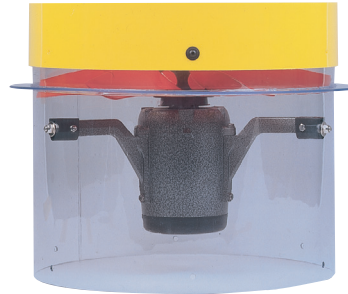
Available accessories in MULTIFAN range of products.



« No back flow » shutters



«motor» ou «propeller» grids

Mx Module :
Pre-mounted «chimney» fan

HP V6D92 Ventilator

Table of measurement (mm) for Single and Three-phased fans

Reference Diameter	A	B	C	D	E	F	G	Propeller dimensions (mm)	
								Frame	Chimney
30	395	442,5	340	192	84	7,5	36	312	304
35	445	492,5	390	192	84	7,5	36	362	354
40	495	542,5	440	192	84	7,5	36	412	403
45	545	592,5	490	192	84	7,5	36	460	455
50	600	647,5	540	192	84	7,5	36	512	506
56	640	700	600	247	105	10	40	576	554
63	715	775	670	247	105	10	40	646	630
71	790	850	740	247	105	10	40	712	704
83	-	-	-	-	-	-	-	-	820
92*	947	1005	940	247	93	10	40	915	908

* Standard «Frame» version

